

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended): Wheel balancing device ~~(+10)~~ comprising a balancing weight ~~(+2)~~ and a clip ~~(+1)~~ adapted to be fixed to said wheel, said balancing weight being made of a zinc alloy and being, together with the clip, coated with an anti-corrosion protective layer ~~(+3)~~,
wherein said protective layer comprises (i) flakes containing zinc and (ii) a binder.

2. (Currently amended): Device according to claim 1, ~~characterized in that~~ wherein the balancing weight is molded over a portion of the clip.

3. (Currently amended): Device according to ~~claim 1 or claim 2, characterized in that~~
claim 1, wherein the material constituting the balancing weight is a zinc-aluminum alloy.

4. (Currently amended): Device according to claim 3, ~~characterized in that~~ wherein the material constituting the balancing weight contains at most trace amounts of copper.

5. (Currently amended): Device according to ~~any one of claims 1 to 4, characterized in that~~ claim 1, wherein the material constituting the balancing weight is an alloy comprising at least 95% by weight zinc.

6. (Currently amended): Device according to ~~any one of claims 3 to 5, characterized in that~~ claim 3, wherein the material constituting the balancing weight contains 96% zinc and 4% aluminum.

7. (Currently amended): Device according to ~~any one of claims 1 to 6, characterized in that~~ claim 1, wherein the ~~protective coating is of~~ binder is an epoxy resin.

8. (Currently amended): Device according to ~~any one of claims 1 to 6, characterized in that~~ claim 1, wherein the ~~protective coating comprises~~ flakes contain essentially zinc.

9. (Canceled)

10. (Currently amended): Device according to claim 8, ~~characterized in that~~ the ~~protective coating is formed of one or more layers of zinc in~~ wherein the binder is a polymerized organic binder.

11. (Currently amended): Device according to claim 8, ~~characterized in that~~ wherein the protective coating ~~is formed of~~ comprises two or more layers of zinc in a polymerized binder each comprising (i) flakes containing zinc and (ii) a binder.

12. (Currently amended): Device according to ~~any one of claims 7 to 11, characterized in that~~ claim 7, wherein the coating contains pigments that determine its color.

13. (Currently amended): Set of balancing devices according to ~~any one of claims 1 to 12~~ claim 1, said devices having weights ranging from at least 5 g to at least 60 g.

14. (Currently amended): Wheel comprising a rim, a tire and at least one balancing device according to ~~any one of claims 1 to 12~~ claim 1.

15. (Previously presented): Wheel according to claim 14, comprising at least one balancing device on each side of its rim.

16. (Currently amended): Method of fabricating a wheel balancing device comprising the following steps:

- making a clip,
- molding a zinc alloy balancing weight over this clip,
- dipping this clip conjointly with the balancing weight in a bath containing a polymerizable resin charged with ~~zinc flakes containing zinc~~,
- curing the resin ~~coating the combination~~ applied to surfaces of the clip and the balancing weight.

17. (Currently amended): Method according to claim 16, ~~characterized in that~~ wherein pigments are placed in the bath.

18. (Currently amended): Method according to ~~claim 16 or claim 17, characterized in that~~ claim 16, which includes a second phase of dipping in a bath and a second curing phase.

19. (Currently amended): Method according to ~~any one of claims 16 to 18, characterized in that~~ claim 16, wherein centrifuging is effected between dipping and curing.

20. (New): Method according to claim 16, wherein the resin is an organic binder charged with zinc flakes.

21. (New): Method according to claim 18, wherein the resin is an organic binder charged with zinc flakes.

22. (New): Device according to claim 2, wherein the material constituting the balancing weight is a zinc-aluminum alloy.

23. (New): Device according to claim 22, wherein the material constituting the balancing weight contains at most trace amounts of copper.

24. (New): Device according to claim 10, wherein the protective coating comprises two or more layers each comprising (i) flakes containing zinc and (ii) a binder.

25. (New): Device according to claim 1, wherein the protective coating comprises two or more layers each comprising (i) flakes containing zinc and (ii) a polymerized organic binder.